RS-INT
REGENERATION
General
Spraying of brushfields
(Hand - 1957 & 1958) 12/29/58

PROGRESS REPORT

HAND SPRAYING, PLOWING, AND PLANTING - 1957 AND 1958

The results of spraying of brush with 2,4,5-T and Dalapon on half the power-planted plots in 1956, prompted a test that would reveal the usefulness of spraying brushfields (largely composed of Ceanothus) followed by powered plowing and hand planting of ponderosa pine. Four 0.25-acre plots, two on an east exposure and two on a west exposure, ~~and a fifth on unsprayed area~~ were sprayed in late July 1957 with 2,4,5-T and Radapon at the rate of 1 gallon of former to 20 pounds of latter in 200 gallons of water per acre by ground spraying and gas-powered spray rig. One unsprayed plot was installed on each aspect for control.

It had been intended to plow these areas in the fall with Oliver tractor and Talladega plow but they were not plowed until mid-May 1958 shortly after which they were planted with 2-0 ponderosa pine stock with part of the Town Creek planting crew. The weather was exceedingly hot (over 90° F.) and the soil was dry during the planting operation.

A survival count was made in the fall of 1958 with the following results:

	Survival - 1958 Percent
East exposure	
Upper (West) area	94.9
Lower (East) area	95.0
Unsprayed area	99.0
West exposure	
Upper (West) area	96.1
Lower (East) area	93.8
Unsprayed area	86.7

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